Aviation Week & Space Technology

September 24, 1962 SPECIAL REPORT:

 Infrared Sensors In Space

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HELICOPTERS DRONES SURVEILLANCE and **VTOL AIRCRAFT**

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The TA.1, percent in service on Lycomous's TAS, incressorates a dust element main fuel supply pump, free power turbine governor, automatic attitude and temperature compensation, and integral emer-

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ANABON WEEK and SPACE TECHNOLOGY, September 24, 1912

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Aviation Week & Space Technology

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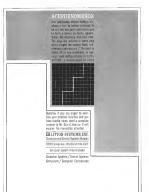
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EDITORIAL

Space and National Security

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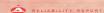
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Kennedy Space Policy

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New Astronauts to Pilot Gemini, Apollo

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NASA Accepts Engineering Mockup of Gemini



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Manned Spacecraft Center Shows Advanced Mockups



to President Kennedy's Party During Space Tour





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NASA Sees Telstar-Type Satellite As Best for World-Wide System

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AVIATION WEEK and SPACE TECHNOLOGY, September 24, 1513

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AIR TRANSPORT

Magnetic Theory Cited in Doppler Dispute Navigators show sejentific backing for claim that underwater fields can disrupt navigation device. By Robert H. Cook

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Local Service Lines Seek Subsidy Shifts



AIRLINE OBSERVER

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BY-PASS JETS POWER THE VICKERS VC 10 SUPER VC 10

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AND DESME . MOTOR CASE . MITS AND DATES PRODUCT . MOCOM PROPERTY.

AYEATHON WELK and SPACE TECHNOLOGY, Surrouting 24, 1962

AVIONICS

Infrared Sensors in Space-Part 1:

Lack of Infrared Data Hampers Midas By Pleby J. Klass

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EXPERIENCE IS WHAT COUNTS IN SPACE SIMULATION

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angle-source, turnkey, or any other basis. Space Systems Department, F. J. Stokes Corporation, Philis-

STOKES INTERNATIONAL: PHILADELPHIA . TORONTO . LONDON

Thin-Films Increase Computer Reliability

By Barry Miller



SACH COMPUTER HORULE contribute

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Estimated Shipments of Electron Tubes and Semiconductors During 1961¹ Velon

Estimated Shipments of Solected Electronic Components During 1961



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AVAITION WEEK and SPACE TECHNOLOGY, Summilier 24, 1962

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Whether your application is for

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In just 68 seconds from brake release this twin-jet

The supercone T-31 trainer one reach operational alterade than altitudes - at least 55 executes out of every fight hour.

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environment control GSE assignments. It typifes the results attainable when engineering capabilities in graumatics, hydraulics, electrostes, and packaging, are contained with specialized missula-

A NEW BROCHURE describing Hamilton Standard's environment control GSE capabilities for account and mandate is available. To learn how this model impossible on a previous case he your key to deposable GSE, write Salas Manager, Green's Resourced Description, Elemental Green's Resourced Description, Elemental

Hamilton Standard Consolidation Control Consolidation Control Control



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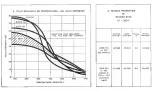
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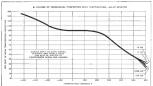
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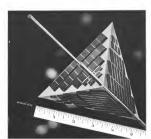
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SPACE TECHNOLOGY

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AMAJION WEEK and SPACE TECHNOLOGY, Suprember 24, 1942

NASA Responsibility

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Hawker P.1127 Demonstrates Ability to Maintain At 96 deg. poset in the tens, photo No. 7. F. H127's near is pointed at larger. The path and roll are controlled through Morel on pris lacried in the most, call and makes only wing. Asserts maintain constant altitude and stability during tens.





Rolls RB.162 Lift Engine Uses Plastic Extensively





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ANATION WEEK and SPACE TECHNOLOGY, September 24, 1962



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This R-58 navigator thinks he's on target at \$3,000 feat:

PROJECT IN POINT:





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Mincom Division 3M



Nihon YS-11 Enters Test Program Prior To 1963 Production



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The Effect of Lead in Alloy Steels, PART II

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ALLOY STEEL BE USED?

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West Germany Pondering Decision On F-104 Zero-Launch Capability

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AVAIRON WELK and SPACE TECHNOLOGY, Secrember 24, 1962

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PACHITER SERIES

AWATION WEEK and SPACE TROHNDIDGE, September 24, 1912



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FIGHTER SERIES Promo-Designation of Page 1 (1984 A 1980 C 1970 C

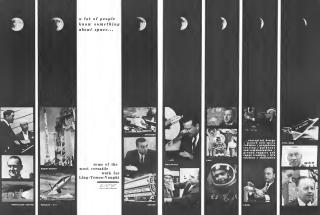
USAF JetStor Configuration Shown

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SPECIAL BUICTRONIC INSTAULATION SERES

ANATION WHE and SPACE MICHIGIDGE, Section 24, 1915





Production DH-125 Has Larger Wings, Empennage



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BUSINESS FLYING

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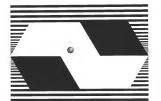
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